

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti:- Karma

Taluk: Karma

District: Ramban

State: Jammu and Kashmir

Geographical Area of the Panchayat Samiti: NA

Population under the Panchayat Samiti: Total 3150

Male: 1610 **Female:** 1540

Habitat and Topography: Hilly

Climate (Rainfall, Temperature and weather patterns): Sub- Temperate

Land Use (Nine fold classification available with village records): Agriculture/ Own Agriculture

Date, Month and Year of PBR Preparation:

Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM): Both

Annexure 1

Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the local body ; not less than one third to be women and not less than 18% belonging to SC/ST)

Name of the Chairperson: Uttam Chand s/o Mulk Raj (Mobile No.: 8492028061)

Age: 31

Gender: Male

Address: papria Karma

Area of Specialization: Sarpanch (PRI)

Name : Abdul Latief s/o Gh. Mohd.

Age: 55

Gender: Male

Address: Pangli papria

Area of Specialization: Agriculturalist

Name : Abi Chand s/o Shamu

Age: 65

Gender: Male

Address: Padder Papria

Area of Specialization: Agriculturalist

Name : Darshana Devi w/o Poran chand

Age: 40

Gender: Female

Address: Bajar Karma

Area of Specialization: House wife

Name: Koshalya Devi w/o Shekhar Chand

Age: 47

Gender: Female

Address: pangli papria

Area of Specialization: Hosuewife

Name : Rattan Chand s/o Kashir Chand

Age: 73

Gender: Male

Address: papria

Area of Specialization: Zamindar

Name : Ghar Chand s/o Rivir Chand

Age: 58

Gender: Male

Address: Tulang Karma

Area of Specialization: Agriculturalist

Annexure 2

List of Vaid, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village

Name: Abi Chand

Age: 65

Gender: Male

Address: Padder papria

Area of Specialization: Traditional health Care

Location from which the person accesses biological material: Surrounding Areas

Perception of the practitioner on the resource status:

Medicinal use:

Name : Haja Begum

Age: 71

Gender: Female

Address: Heman karma

Area of Specialization: Ortho traditional Health Care

Location from which the person accesses biological material: Surrounding Areas

Perception of the practitioner on the resource status:

Medicinal use:

Name : Abdul jabbar

Age: 70

Gender: Male

Address: papria

Area of Specialization: Traditional Health care

Location from which the person accesses biological material: Surrounding Areas

Perception of the practitioner on the resource status:

Medicinal use:

Annexure 3

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and forestry

Name : Khushal Singh

Age: 62

Gender: Male

Address: Tulang

Area of Specialization: Horticulture & Agriculture

Name : Rattan chand

Age: 73

Gender: Male

Address: Papria

Area of Specialization: Forestry

Name : Kapoor Chand

Age: 55

Gender: Male

Address: Papria

Area of Specialization: Agriculture

Name : Rajinder Singh

Age: 35

Gender: Male

Address: Papria

Area of Specialization: Veterinary

Annexure 1

Details of schools, colleges, departments, universities, government institutions, non-governmental organizations and individuals involved in the preparation of the PBR

1) Contact Person:

Name and Address: Sanjay Sharma C/O MS Karma

2) Contact Person:

Name and Address: Rural Department (GRS)

3) Contact Person:

Name and Address: Agricultural Department

4) Contact Person:

Name and Address: PRI

You may add names of more institutions/NGO/Individuals etc, if necessary

Annexure 5**Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing**

1	2	3	4	5	6
S.no	Name and address of the Person/Institute/company others	Local and Scientific Name of the biological material Accessed and quantity	Date and resolution of the BMC and endorsement by the Panchayat	Detail of collection fee imposed	Anticipated mode of sharing benefits or quantum of benefits shared

End of Part I

Part II
PBR – Formats
AGROBIODIVERSITY
Format 1: Crop Plants

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	<i>Scientific Name</i>	Local Name	Variety	Landscape / Habitat	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
						Past	Present							
	<i>Triticum aestivum</i>	Maki	Vegetables											
	<i>Triticum aestivum</i>	Kanak												
	<i>Sinapis alba</i>	Sarsoo	Aloo, Sarsoo											

The format 1 could be used for documenting information about Millets, Cereals, Oil seeds, Commercial crops, Tuber crops, Vegetables, Legumes, Aromatic crops etc. The column No. 9 'other details' vary with the nature of crops. For measuring local status, there need to identify a particular year – significant changes in ecology occurred – and compare the status as past and present (past = before the particular incident). We have to list out all possible features of a crop/plant and give short forms of the same. If relevant, cultivation practices, propagation techniques, usage etc can be included in the column 8, in associated TK.

Format 2: Fruit Plants

1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape / Habitat	Local Status		Source of Seeds/Plants	Season of Fruiting	Associated TK	Uses	Other details market / own use	Community / Knowledge holder
					Past	Present						
Apple	<i>Malus domestica</i>	Saib	Red Delicious, Golden Delicious etc	Mid hills upto High hills	Rare	Plenty	Govt. Nursery/ Private Registered Nry	Rainy	Provide Nutrient and Energy	Fresh fruit, Juice, Jam etc	Consumed in local Market Mandi/Jammu	Farmer/ Department of Horticulture
Pear	<i>Pyrus communis</i>	Bagu Gosha, Nakh Nashpati	Red Bartlett, Punjab Beauty, Pathar Nakh, Star Krimson	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture
Peach	<i>Prunus persica</i>	Asroo	FLA 16/13 July Alberta, Quetta, Florida sum, Florida Prenice	Lower hills upto High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh Fruit		Farmer/ Department of Horticulture
Apricot	<i>Prunus armeniaca</i>	Khobani Sarri	Bebco, Harkat	Lower hills upto High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh Fruit		Farmer/ Department of Horticulture
Plum	<i>Prunus saliciana</i>	Aloo Bukhara	Santa Rosa, Kala Amritsari, Alubukhara, Aloocho	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Summer		<i>Fresh fruit,</i>		Farmer/ Department of Horticulture
Walnut	<i>Juglans regia</i>	Akhroot	Burzal, Kagzi, Local Selections	High hills			Govt. Nursery/ Private Registered Nry	Rainy		<i>Dry Fruit</i>		Farmer/ Department of Horticulture
Pomegranate	<i>Punica aranatum</i>	Anardana, Daroo	Anardana, Kandhari, Ganesh	Lower hills upto Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture
Fig	<i>Ficus carica</i>	Phogara	Local	Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture

Format 3: Fodder Crops / Species

1	2	3	4	5		6	7	8	9	10
Plant	Scientific Name	Local Name	Landscape / Habitat	Local Status		Source of Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
				Past	Present					
Grass										

Other details include fodder for which animal, special features, medicinal uses if any, seasons of availability, propagation methods, collecting from wild or cultivated etc.

Format 4: Weeds

1	2	3	4	5	6	7		8	9	10	11	12
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Local Status		Uses if any	Management options	Associated TK	Other details like exotic	Community / Knowledge holder
						Past	Present					
Nil												
Other details may include how long the weeds have been suppressing/adversely affecting the crops in this locality, when it came under notice, intensity of natural multiplication etc												

Format 5: Pests of Crops

1	2	3	4	5	6	7	8	9	10
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder
Nil									

Other details may include possible reasons for insects/animal attack

Format 6: Markets for Domesticated animals

1	2	3	4	5	6	7	8	9
Name of the market & location	Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M) [1]	Types of animals bought and sold [2]	Types and Average Number of animals transacted in a day	Places from which animals are brought	Places to which the animals are sold / transported	Name and location of fish market	Types of fishes sold	Source of fish

Note: [1] (D) – day; (M) – month;

[2] Types of animals may include: Poultry / Sheep / Goats / Cattle / Ducks / Pigs / Donkeys / Mules / Horses / Camels / Others (Specify)

Format 7: Peoplescape

1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub-occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs
							SC	Weakness Treatment		210
							Other			91

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, services Examples of depending landscapes are agriculture landscape, rivers, forest etc.

Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc

How the community manages the landscapes they use for satisfying different needs, their strategies and perception

How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc

Format 8: Landscape

1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub - Landscapes	Features and approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallow land											
Nil													

Provide a brief description of landscapes such as forests, plantations, cultivated land, estuary, pond, lake or other elements

Format 9: Waterscape

1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Natural Rain												

Examples: Ponds, Streams, Rivers, Lake, Canal, Tubewell, Dug well etc.,

Format 10: Soil type

1	2	3	4	5	6	7	8
Soil Type	Color & Texture	Features	Soil management	Plants / crop suitable	Flora and fauna	Associated TK	Other information
Sandy							
Loamy							
Clayey							
Red							

DOMESTICATED BIODIVERSITY

Format 11: FURIT TREES

1	2	3	4	6	7		8	9	10	11	12	13
Plant Type	Scientific Name	Local Name	Variety	Landscape/ Habitat	Local Status		Source of plant/seeds	Season of Fruiting	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
					Past	Present						
Apple	<i>Malus domestica</i>	Saib	Red Delicious, Golden Delicious etc	Mid hills upto High hills	Rare	Plenty	Govt. Nursery/ Private Registered Nry	Rainy	Provide Nutrient and Energy	Fresh fruit, Juice, Jam etc	Consumed in local Market Mandi/Jammu	Farmer/ Department of Horticulture
Pear	<i>Pyrus communis</i>	Bagu Gosha, Nakh Nashpati	Red Bartlett, Punjab Beauty, Pathar Nakh, Star Krimson	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture
Peach	<i>Prunus persica</i>	Asroo	FLA 16/13 July Alberta, Quetta, Florida sum, Florida Prenice	Lower hills upto High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh Fruit		Farmer/ Department of Horticulture
Apricot	<i>Prunus armeniaca</i>	Khobani Sarri	Bebco, Harkat	Lower hills upto High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh Fruit		Farmer/ Department of Horticulture
Plum	<i>Prunus saliciana</i>	Aloo Bukhara	Santa Rosa, Kala Amritsari, Alubukhara, Aloochoa	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh fruit,		Farmer/ Department of Horticulture
Walnut	<i>Juglans regia</i>	Akhroot	Burzal, Kagzi, Local Selections	High hills			Govt. Nursery/ Private Registered Nry	Rainy		Dry Fruit		Farmer/ Department of Horticulture
Pomegranate	<i>Punica aratanum</i>	Anardana, Daroo	Anardana, Kandhari, Ganesh	Lower hills upto Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture
Fig	<i>Ficus carica</i>	Phogara	Local	Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture

Format 12: Medicinal Plants (Herbs, Shrubs, Trees etc.)

1	2	3	4	5	6	7		8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of plant/seeds	Local status		Uses (usage)	Part used	Associated TK	Other details market /own use	Community/ Know. Holders
						Past	Present					
Tree	Kail	<i>Pinus wallichiana</i>	wild	Temperate	Natural/Wild	Abundant	Abundant	Timber,Oleoresin	stem, root			Generally held by community
Tree	Deodar	<i>Cedrus deodara</i>	wild	Temperate	Natural/Wild	Abundant	Abundant	Timber,Biopesticides, antifungal	stem, root	Treatment of skin infection		Generally held by community
Tree	Chir	<i>Pinus roxburghii</i>	wild	Sub-tropical	Natural/Wild	Abundant	Abundant	Timber, Resin, rosin, turpentine oil	Stem and needles			Generally held by community
Tree	Akhrot	<i>Juglans regia</i>	wild	Sub-tropical	Natural/Wild	Abundant	Rare	Timber, Dry fruit, Medicinal	Stem, leaves, nuts	Leaves and tender branch lets used for tooth care		Generally held by community
Trees	Kainth	<i>Pyrus pashia</i>	wild	Sub-tropical	Natural/Wild	Abundent	Abundent	Medicinal	Fruit,Bark and Leaves			Generally held by community
Trees	Draink	<i>Melia azedarach</i>	wild	Sub-tropical	Natural/Wild	Abundent	Abundent	Medicinal	Stem/Leaves			Generally held by community
Tree	Apricot	Prunus	wild	Temperate	Natural/Wild	Abundent	Abundent	Fodder	seed			Generally held by community
Shurbs	Timbru	<i>Zanthoxylum</i>	wild	Sub-tropical	Natural/Wild	Rare	Rare	Medicinal	Stem,Seed,Bark	Used for teeth infection		Generally held by community
Shurbs	Rasont	Berberis	wild	Sub-tropical	Natural/Wild	Abundent	Abundent	Medicinal		Healing of wounds		Generally held by community
Herbs	Pudina	<i>Mentha longifolia</i>	wild	Sub-tropical	Natural/Wild	Abundent	Abundent	Medicinal	Leaves,stem	Culinary uses		Generally held by community
Herbs	Kandeli	<i>Meconopsis aculeata</i>	wild	Temprate	Natural/Wild	Rare	Rare	Medicinal	Root			Generally held by community

Herbs	Banafsha	<i>viola</i>	wild	Temprate/Sub-tropical	Natural/Wild	Abudent	Abudent	Medicinal	Leaves			Generally held by community
Herbs	Saunf	<i>Foeniculum vulgare</i>	wild	Sub tropical	Natural/Wild	Abundant	Rare	Medicinal	seed			Generally held by community
Herbs	Guchhi	<i>Morchella esculenta</i>	wild	Temperate	Natural/Wild	Rare	Rare	Medicinal	Stem			Generally held by community

Note: Uses: Food/ Veterinary Medicine,/ Human Medicine (Sub-divisions like for children, women etc),/ Agricultural Purpose (Bio-pesticide)
Other details: Propagation methods, / Harvesting period,/ Cultivated or collected from wild or both,/ Perennial/annual/seasonal

Format 13: Ornamental Plants/ Trees/Climbers etc.

1	2	3	4	5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Variety	Source of plant/seeds	Commercial/ non- commercial	Uses	Associated TK	Other details	Community/ Know. holder
Ornamental Tree	Chir	<i>Pinus roxburghii</i>	-	Forest	Non commercial	Ornamental/ Landscaping	Used in eye, ear , throat diseases	Evergreen conifer, found in lower reaches	Floriculturists/ Nurserymen/Gardeners
Ornamental Tree	Dayar	<i>C.deodara</i>		Forest	Non commercial	Ornamental/ Landscaping	Antipyretic, antiseptic	Evergreen conifer, Found in higher reaches	Floriculturists/ Nurserymen/Gardeners
Ornamental Shrub	Mor Pankh	<i>Thuja compacta</i>	-	Nurseries	Non commercial	Ornamental/ Landscaping	Used for Respiratory tract infection	Treatment of cold sores, skin infections	Floriculturists/ Nurserymen/Gardeners
Ornamental Shrub	Hydrangea	<i>Hydrangea macrophylla</i>		Nurseries	Non commercial	Ornamental/ Landscaping	Used for Urinary Tract infections.	Flowers in June-July	Floriculturists/ Nurserymen/Gardeners
Bushes/Shrubs	Panj Tara	<i>Lagerstromia indica</i>	-	Nurseries	Non commercial	Ornamental/ Landscaping	Astringent, wound healing	Pink flowers	Floriculturists/ Nurserymen/Gardeners
Bushes/Shrubs	Nerium	<i>Nerium oleander</i>	-	Nurseries	Non commercial	Ornamental/ Landscaping	Epilepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/Gardeners
Bushes/Shrubs	Lavender	<i>Lavandula officianalis</i>	-	Nurseries	Non commercial	Ornamental/ Landscaping	Lavender oil used in cosmetic surgery	Flowers in June-July. Highly fragrant.	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Gutta	<i>Tagetes patula</i>	-	Nurseries	Non commercial	Ornamental/ Landscaping	Burns, rashes, itchiness	Grows round the year	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Gulab	<i>Rosa spp</i>	-	Nurseries	Non commercial	Ornamental/ Landscaping	Blood purifier, Anti inflammatory	Perennial flower	Floriculturists/ Nurserymen/Gardeners

Format 14: Timber Plants / Trees

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local status		Wild/ home-garden	Other uses (multi)	Associated TK	Other details	Community/ Know. holder
				Past	Present					
Tree	Chir	<i>Pinus roxburghii</i>	Sub-tropical	Abundent	Abundent	wild	Resin/Timber			Generally, held by community
Tree	Akhrot	<i>Juglans regia</i>	Sub-tropical	Rare	Rare	wild	Fruit/Timber			Generally, held by community
Tree	Kail	<i>Pinus wallichiana</i>	Temprate	Abundent	Abundent	wild	Medicinal			Generally, held by community
Tree	Deodar	<i>Cedrus deodara</i>	Temprate	Abundent	Abundent	wild	Medicinal			Generally, held by community
Tree	Fir	<i>Abies pindrow</i>	Temprate	Abundent	Rare	wild	Medicinal			Generally, held by community

Format 16: Culture Fisheries

1	2	3	4	5	6	7		8	9	10	11	12
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/talao)	Local status		Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
						Past	Present					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Note: Other details include mode of catching fish, time of availability, breeding time, feeds and etc

WILD BIODIVERSITY
Format 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc.

1	2	3	4	5	6		7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local status		Commercial / own use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
Tree	Deodar	<i>Cedrus deodara</i>		Temperate	Abundant	Abundant	Timber, Biopesticides, antifungal	stem, root			Generally held by community
Tree	Chir	<i>Pinus roxburghii</i>		Sub-tropical	Abundant	Abundant	Timber, Resin, rosin, turpentine oil	Stem and needles			Generally held by community
Tree	Kail	<i>Pinus wallichiana</i>		Temperate	Abundant	Abundant	Timber and leaves for mud houses lintel	Stem and needles			Generally held by community
Tree	Akhrot	<i>Juglans regia</i>		Sub-tropical	Abundant	Rare	Timber, Dry fruit, Medicinal	Stem, leaves, nuts			Generally held by community
Tree	Kau	<i>Olea cuspidata</i>		Sub-tropical	Abundant	Abundant	Diuretic, hypotensive etc.	seed			Generally held by community
Tree	Banj	<i>Quercus incana</i>		Sub-tropical	Abundant	Abundant	Fodder, Fuelwood	Stem, leaves			Generally held by community
Tree	Mohru	<i>Quercus Dilitata</i>		Sub-tropical	Abundant	Rare	Fodder, Fuelwood	Stem, leaves			Generally held by community
Trees	Kainth	<i>Pyrus pashia</i>		Sub-tropical	Abundant	Abundant	Medicinal	Fruit, Leaves, Bark			Generally held by community
Trees	Draink	<i>Melia azedarach</i>		Sub-tropical	Abundant	Abundant	Medicinal	Stem/Leaves			Generally held by community
Tree	Apricot	<i>Prunus</i>			Abundant	Abundant	Medicinal	seed			Generally held by community

Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Chir	<i>Pinus roxburghii</i>		Resin/Timber	Abundent
2	Shisham	<i>Dalbergia sissoo</i>		Timber	Abundant
3	Akhrot	<i>Juglans regia</i>		Fruit/Timber	Rare
4	Kau	<i>Olea cuspidata</i>		Timber	Abundant
5	Banj	<i>Quercus incana</i>		Fooder	Abundant
6	Mohru	<i>Quercus Dilitata</i>		Fooder	Abundant
7	Kikar	<i>Acacia Nilotica</i>		Fodder	Abundant
8	Champ	<i>Alnus nepalensis</i>		Fodder	Abundant
9	Bunafsha	<i>Viola odorata</i>		Medicinal	Abundant
10	Kainth	<i>Pyrus pashia</i>		Fodder, firewood, medicinal	Abundant
11	Rasont	<i>Berberis lycium</i>		medicinal	Abundant
12	Toon	<i>Toona ciliata</i>		Fuelwood	Abundent
13	Kuth	<i>Saussurea lappa</i>		Medicinal	Rare
14	Timbru	<i>zanthoxylum alata</i>		Medicinal	Abundent
15	Dhaman	<i>Grewia optiva</i>		Fodder	Abundent
16	Phokda	<i>Ficus palmata</i>		Medicinal	Abundent
17	Santha	<i>Dodonea viscosa</i>		Fodder, firewood	Abundent
18	Khirak	<i>Celtis austrelis</i>		Timber, fodder	Abundent
19	Beri	<i>Zizyphus spp.</i>		Edible, medicinal	Abundent
20	Bankakri	<i>Podophyllum hexandrum</i>			

Format 21: Wild Aquatic Plant Species of Importance; Panchayat: Barron, Block: Batote

S. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Nil	Nil	Nil	Nil	Nil

Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape / Habitat	Local Status		Associated TK	Uses (usage)	Part used	Other details market/ own use	Community/ Knowledge Holder
					Past	Present					
Trees	Kainth	<i>Pyrus pashia</i>		Sub-tropical	Abundent	Abundent		Medicinal	Fruit,Bark and Leaves		Generally held by community
Trees	Draink	<i>Melia azedarach</i>		Sub-tropical	Abundent	Abundent		Medicinal	Stem/Leaves		Generally held by community
Tree	Kau	<i>Olea cuspidata</i>		Sub-tropical	Abundent	Abundent		Medicinal	seed		Generally held by community
Tree	Yew	<i>Taxus bacatta</i>		Temperate	Abundent	Abundent		Medicinal	Leaves		Generally held by community
Tree	Apricot	<i>Prunus</i>		Temperate	Abundent	Abundent		Fodder	seed		Generally held by community
Tree	Deodar	<i>Cedrus deodara</i>		Temperate	Abundent	Abundent		Medicinal	root		Generally held by community
Shrub	Bansangla	<i>Litsea umbrosa</i>		Temperate	Abundent	Rare		Medicinal	Fruit		Generally held by community
Shrub	Trimal	<i>Ficus roxburghii</i>		Sub tropical	Abundent	Rare		Medicinal	Fruit and leaves		Generally held by community
Shurbs	Timbru	<i>Zanthoxylum</i>		Sub-tropical	Rare	Rare		Medicinal	Stem,Seed,Bark		Generally held by community
Shurbs	Rasont	<i>Berberis</i>		Sub-tropical	Abundent	Abundent		Medicinal			Generally held by community
Herbs	Pudina	<i>Mentha longifolia</i>		Sub-tropical	Abundent	Abundent		Medicinal	Leaves,stem		Generally held by community
Herbs	Kandeli	<i>Meconopsis aculeata</i>		Temprate	Rare	Rare		Medicinal	Root		Generally held by community
Herbs	Banafsha	<i>viola</i>		Temprate/Sub-tropical	Abundent	Abundent		Medicinal	Leaves		Generally held by community
Herbs	Saunf	<i>Foeniculum vulgare</i>		Sub tropical	Abundant	Rare		Medicinal	seed		Generally held by community
Herbs	Guchhi	<i>Morchella esculenta</i>		Temperate	Rare	Rare		Medicinal	Stem		Generally held by community
	Bankakri	<i>Podophyllum hexandrum</i>									

Note: Uses: Food/Veterinary Medicine/Human Medicine (Sub-divisions like for children, women etc)/Agricultural Purpose (Bio-pesticide)
 Other details: Harvesting period /Perennial/annual/seasonal

Format 23: Wild relatives of Crops

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated crop	Landscape / Habitat	Local Status		Uses (usage)	Part Used	Associated TK	Other details	Community / Know holder
				Past	Present					
Daru	<i>Punica granatum</i>		Sub-tropical	Abundant	Abundant	Medicinal	seed			Generally, held by community
Akhrot	<i>Juglas regia</i>		Temprate/Sub-tropical	Abundant	Abundant	Edible,Medicinal	nut			Generally, held by community
Ban Lehsan	<i>Allium wallichii</i>		Temprate	Rare	Rare	Edible,Medicinal	stem			Generally, held by community
Saunf	<i>Foeniculum vulgare</i>		Sub-tropical	Rare	Rare	Edible,Medicinal	Fruit, Seed			Generally, held by community
wild apricot	<i>Prunus armeniaca</i>		Temprate,Sub-tropical	Abundant	Abundant	Edible,Medicinal	Fruit, Seed			Generally, held by community
Methi	<i>Trigonella foenum-graecum</i>		Subtropical	Abundant	Rare	Edible,Medicinal	Seed			Generally, held by community
Ber	<i>Ziziphus</i>		Subtropical	Abundant	Abundant	Edible,Medicinal	Fruit			Generally, held by community

Note: Other details may include 'function as a substitute plant' in the absence of a particular plant

Format 24: Ornamental Plants

1	2	3	4	5	6	7	8
Local Name	Scientific Name	Variety	Habitat	Commercial/ Non-commercial	Associated Tk	Other Details	Community/ Knowledge Holder
Chir	<i>Pinus roxburghii</i>	-	Terrestrial, Intermediate	Non commercial	Used in eye, ear , throat diseases	Evergreen conifer, found in lower reaches	Floriculturists/ Nurserymen/ Gardeners
Dayar	<i>C.deodara</i>	-	Terrestrial, Intermediate	Non commercial	Antipyretic, antiseptic	Evergreen conifer, Found in higher reaches	Floriculturists/ Nurserymen/ Gardeners
Mor Pankh	<i>Thuja compacta</i>	-	Terrestrial, Intermediate	Non commercial	Used for Respiratory tract infection	Treatment of cold sores, skin infections	Floriculturists/ Nurserymen/ Gardeners
Hydrangea	<i>Hydrangea macrophylla</i>	-	Terrestrial, Intermediate	Non commercial	Used for Urinary Tract infections.	Flowers in June-July	Floriculturists/ Nurserymen/ Gardeners
Panj Tara	<i>Largerstromia indica</i>	-	Terrestrial, Intermediate	Non commercial	Astringent, wound healing	Pink flowers	Floriculturists/ Nurserymen/ Gardeners
Nerium	<i>Nerium oleander</i>	-	Terrestrial, Intermediate	Non commercial	Epilepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/ Gardeners
Lavender	<i>Lavandula officianalis</i>	-	Terrestrial, Sub-Tropical	Non commercial	Lavender oil used in cosmetic surgery	Flowers in June-July. Highly fragrant.	Floriculturists/ Nurserymen/ Gardeners
Gutta	<i>Tagetes patula</i>	-	Terrestrial, Intermediate	Non commercial	Burns, rashes, itchiness	Grows round the year	Floriculturists/ Nurserymen/ Gardeners
Gulab	<i>Rosa spp</i>	-	Terrestrial, Intermediate	Non commercial	Blood purifier, Anti inflammatory	Perennial flower	Floriculturists/ Nurserymen/ Gardeners

Format 25: Fumigate / Chewing Plants

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Local Status		Uses (usage)	Part used	Associated TK	Other details (mode of use)	Community knowledge holder
					Past	Present					
	Timbru	<i>Zanthoxylum</i>		sub-tropical			Chewing	Stem,Seed, Bark			Generally, held by community
	Kembal	<i>Berberis</i>		Temprate/Sub-tropical			Chewing	Flower,Seed			Generally, held by community
	Banna	<i>Vitex Nigundo</i>		Temprate/ Sub-tropical			Chewing	Leaves,Bark			Generally, held by community
	Pudina	<i>Mentha arvensisi</i>		Temprate/ Sub-tropical			Chewing	Leaves,Bark			Generally, held by community
	Bangsangla	<i>Litsaea umbrosa</i>		Temprate/ Sub-tropical			Chewing	Oil,Fruit			Generally, held by community
	Dhoop	<i>Jurines dedomiaes</i>		Temprate/ Sub-tropical			Fumigate	Root			Generally, held by community
	Silex	<i>Silex elba</i>		Temprate/ Sub-tropical			Chewing	Bark,Stem, Leaves			Generally, held by community
	House chest nut	<i>Aesculus</i>		Temprate/ Sub-tropical			Chewing	Fruit,Bark			Generally, held by community

Format 26: Timber Plants

1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local Status		Other Uses, if any	Associated TK	Other Details	Community/ Knowledge Holder
			Past	Present				
Chir	<i>Pinus roxburghii</i>	Sub-tropical	Abundent	Abundent	Resin/Timber	-	-	Generally, held by community
Kail	<i>Pinus wallichiana</i>	Temperate	Abundent	Abundent	Timber			Generally, held by community
Akhrot	<i>Juglans regia</i>	Sub-tropical	Rare	Rare	Fruit/Timber	-	-	Generally, held by community
Kau	<i>Olea cuspidata</i>	Sub-tropical	Rare	Rare	Timber	-	-	Generally, held by community
Banj	<i>Quercus incana</i>	Temperate	Rare	Rare	Fooder	-	-	Generally, held by community
Mohru	<i>Quercus Dilitata</i>	Temperate	Rare	Rare	Fooder	-	-	Generally, held by community

Format 27 A: Coastal and Marine Flora

1	2	3	4	5	6	7	8	9	10	
Plant Type	Local Name	Scientific Name	Habitat	Local Status		Parts Collected (if any)	Commercial Uses (if any)	Other Uses	Associated TK	Community/ Knowledge Holder
				Past	Present					
NIL										

Format 27 B: Coastal and Marine Fauna

1	2	3	4	5	6	7	8	9	10	
Animal Type	Local Name	Scientific Name	Habitat	Local Status		Parts Collected (if any)	Commercial Uses (if any)	Other Uses	Associated TK	Community/ Knowledge Holder
				Past	Present					
NIL										

Format 30: Fauna

1	2	3	4	5	6
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)
Nil					

Note: Separate format should be used for road side plantation - habitat / Parks and Gardens / Housing estate / Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat

Format 31: Any other information of local importance

1	2	3
Sr. No.	Information of local importance	Remarks

End of Part II